

ABSTRACT OF THE DISCLOSURE

An optical recording device includes a recording condition determining section for determining recording conditions for a track by performing test writing with respect to the track which is, for example, either a land or a groove of a magneto-optical disk, a recording condition computing section for performing computation in accordance with computation-use information based on the recording conditions for the track so as to determine recording conditions for the other track, a track switch section for switching tracks to be used for test writing, and a computation-use information managing section for correcting the computation-use information based on respective results of test writing before and after the switch, thereby determining recording conditions for one of the tracks in short time by computation, while, because the computation-use information is corrected based on the results of test writing, improving accuracy in recording conditions obtained by computation.